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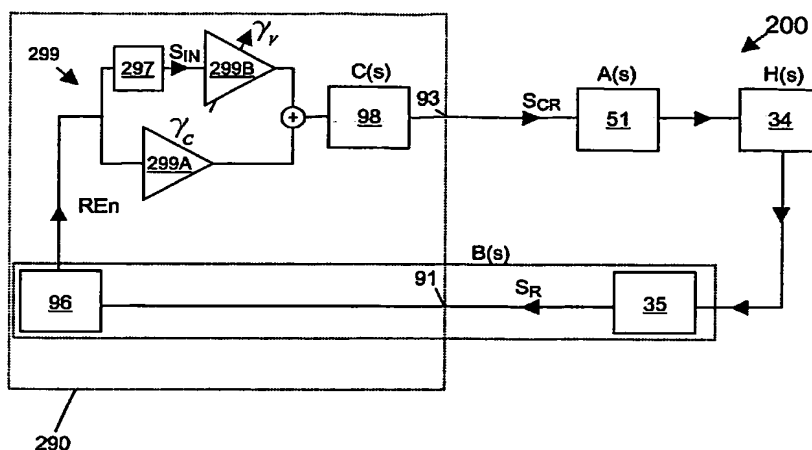
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(54) Title: DISC DRIVE APPARATUS



(57) Abstract: A method is described for controlling an optical disc drive apparatus (1) of a type comprising: scanning means (30) for scanning a record track of an optical disc (2), said scanning means (30) comprising at least one read/write element (34) to be positioned with respect to the disc (2), and at least one optical detector (35) for generating a read signal (S_R); actuator means (50) for controlling the positioning of said at least one read/write element (34); a control circuit (290) for receiving said read signal (S_R) and generating at least one actuator control signal (S_{CR}) on the basis of at least one signal component of said read signal (S_R), the control circuit (290) having at least one variable gain (γ); said control circuit (290), said actuator means (50), said read/write element (34), and said optical detector (35) defining a control loop (200) having a critical frequency (ω_{CP}); the method comprises the steps of: selectively setting the gain (γ), for signal components having a frequency in a predefined range corresponding to said critical frequency (ω_{CP}), to a value lower than a value for signal components having a frequency outside said range.



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